



Description of Refillable Containers for Liquid Pesticides

All portable refillable containers (PRCs) used for pesticide distribution are required to include safety and design standards. These standards are:

1. All PRCs must meet the US Department of Transportation requirements for hazardous material packages [at a minimum of PG III](#).
2. All vents in refillable containers must be designed to minimize the amount of material that could be introduced through the vent.
3. Each non-vent opening must include a one-way valve, a tamper evident device, or both.
4. Containers must be marked with a serial number, or some other unique identifying code.

PRCs used in the pesticide industry can be grouped into categories based on design.

Pesticide products can only be placed in containers that are identified as acceptable by the Product Registrant.

The following categories of pesticide PRCs may be used by registrants when describing the type of container that is acceptable for use for a specific product.

This guidance document does not exclude use of other options which meet the container requirements of the 2006 EPA Container and Containment rule and/or are authorized as acceptable by the product registrant.

Containers with the product name molded into the container should remain dedicated to that product.

	Category 1	Category 2	Category 3	Category 4	Category 5
Description:	Blow-molded inner container in cage or shell	Thick Wall container on a protective base-or legs	Thick wall, Proprietary Design	One Piece Container	One Piece Container
Bottom Discharge	with or without bottom discharge	with or without bottom discharge	with or without bottom discharge	No bottom discharge	with or without bottom discharge
Cylindrical/Square	Square	Square or Cylindrical	Square/Cylindrical or Custom	Cylindrical	Square or Cylindrical
Stackable	Yes	Yes	Yes or No	Yes & No	Yes
Options		May have top chime. May be equipped with a pump.	May have top chime. May be equipped with a pump.	May have top and bottom chimes	
Materials	HDPE bottle & Metal cage	HDPE and LLDPE Plastic	HDPE and LLDPE Plastic	HDPE and LLDPE Plastic	Stainless Steel
UN / DOT Authorization	UN 31HA2	UN31H1, UN31H2,	UN1H1, UN3H1, UN31H1, UN31H2, None	UN1H1, UN3H1, UN31H1, UN31H2,	UN1A1, UN31A1, DOT 57
Containers in each category include, but are not limited to, those pictured here.					